

A High-Transmission Spectrometric Set-up for
Investigation of Luminescence, by B. S. Neporent,
V. P. Kolochkov, 4 pp.

RUSSIAN, no per, Iz Ak Nauk, Ser Fiz, Vol XX, No 5,
1956, pp 601-604.

Consultants Bureau

Sci - Physics
Jan 1957

49,107

SIA - CTT

Prevention of Oxygen Corrosion by Means of
Hydrazine, by P. A. Akel'sin, D. A. Danilenko,
B. A. Kolesnyyi, M. A. Kulakov, I. KH. Shailovich,
5 pp.

RUSSIAN, per, Teploenergetika, Vol IV, 1957,
p 96.

AEC WP 120

Sci --Chem

Oct 58

74,598

Energy Resources of the World, by H. V.
Kolodin, 16 pp. UNCL

RUSSIAN, par, Iz Ak Nauk Turkmenakoy SSR, No 1,
pp 9-21. /1959,

LIN Tr Bul Sep 59

USSR
Econ
Sep 59
World-Wide

98,700

Variation in Resistance and Thermoelectric Force
of the Alloy Fe_3Pt in Longitudinal and Lateral
Magnetic Fields, by R. G. Annanov, M. V. Kolodin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXXVII, No 2, 1952, pp 195, 196.

Natl Res Lib
TT.447

Scientific - Physics

CTS/DEX

18,750

New Apparatus for Gravimetric Measuring of Petroleum
Products, by V. N. Kolodin.

RUSSIAN, no per, Neft Khoz. Vol XXXIII, No 5, 1955
pp 85-87.

Tech and Comm Tr
2135 Spruce St
Phila 3, PA

Scientific - Engineering, fuels

31,077 Feb 56

Electron Absorption Spectra of Polystyrene and Its
Derivatives, by M. V. Volkenshtein, N. S. Molodina, 4 pp.

RUSSIAN, bimo per, In Ak Nauk SSSR, Otdel Khim Nauk,
No 6, Nov-Dec 1952, pp 1033-1036.

Consultants Bureau

Scientific - Chemistry
Jul CTS/CEK

15,957

The Transformation of Uric Acid Into 8-Methylxanthine
IV. Hydrolysis of 4,5-Bis(Acetamido) Uracil, by
E. S. Golovchinskaya, F. L. Kolodkin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1656-1656.

Consultants Bureau

Sci

Jul 60

120,475

Long-Time Strength of Welded EI-794 Steel
Along Superheater and Steam Pipes, by A. A.
Kudakov, V. A. Kolodkin, 8 pp.
SPECIAL, per, ~~Engineering~~, No 12, Dec 1951,
p. 20.
JPRS 3373

p92
T. A. Kolodkin

Sci Nat & Nat
Mar 59

276,001

INDUSTRIAL BUILDING METHODS ADOPTED IN SUMRIA,
BY BOLESŁAW KALINSKI, WŁOCHYNIERZ KOŁODKO,
10 PP.

POLISH, PEP, PRZYGŁAD GIEŁDAJNY, NO 10, 1962,
PP 579-586.

JPRS 17986

SCI - ENGR

MAR 63

224,583

Changes in the Electrical Activity of Muscles During
the Elaboration of Motor Differentiations in Man, by
A. Ya. Kolodnaya, 19 pp.

RUSSIAN, bk, Voprosy Izucheniya Vysshey Neirodinamiki
v Svyazi s Problemami Psikhologii, 1957.

OTS 60-21168
PL-480

Sci

Aug 62

PST 209

Electrophysiological Study of the Elaboration of Trace
Rhythmical Reactions in Man, by A. Ya. Kolodnaya, 42 pp.

RUSSIAN, bk, Voprosy Izucheniya Vysshey Neirodinamiki
v Svyazi s Problemami Psikhologii, 1957.

OTS 60-21168
PL-480

Sci

Aug 62

PST 209

(FDD 26037)

Disruption of 'Right-Left' Differentiation and the
Role of the Skin-Analyses in Its Regeneration, by
A. Ya. Kalodnaya, 22 pp.

RUSSIAN, irreg publ, Izy Pedagog Nauk RSFSR, No 53
Moscow, 1954, pp 202-228.

33,074
CIA/FDD/U-7897

USSR

Sci - Medicine, neurophysiology

A Method of Assessing Quantitatively the
Liability of Welded Joints to Cold Cracking,
by B. A. Kolodnaya, 5 pp.

RUSSIAN, per, Svaroch Proiz, No 2, 1960,
pp 12-14.

EWRA

Sci

FEB 61

152,451

Kolodnyy, D. P.
AVAILABLE WORK IN THERMODYNAMIC PROC-
ESSES (Raspologayemaya Rabota v Termodinami-
cheskom Protsesse). Nov 60, 28p. 8 refs. RTS 1702.
Order from LC or SLA mi\$2.70, ph\$4.80 61-15002

Trans. of Tekstil'nyy Institut, Tashkent. Sbornik
Nauchno-Issledovatel'skikh Rabot (USSR) 1956, no. 3,
p. 40-54.

61-15002

- I. Gas flow--Energy
- I. Kolodnyy, D. P.
- II. RTS-1702
- III. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

(Physics--Thermodynamics, TT, v. 5, no. 3)

A Report on Soviet Diamond Mining in Yakutia,
by L. Kolodnyy, 5 pp.

RUSSIAN, np, Moskovskaya Pravda, 29 Mar
1966, pp. 3-4.

JPRS 35745

USSR
Econ
Jun 66

301,967

from Expedition into the Workshop,
by L. Kolodny, 5 pp.
Moscow, up, Reskovskaya Pravda,
Jan 3, 1968, p 1, 9005306
PDB-TT-68-1186

103

SCI - Mktg
Rev 46

200,145

61-15390

Kolodochka, P. A.
THE DEVELOPMENT OF A NEW INTRINSICALLY
SAFE REMOTE CONTROL CIRCUIT FOR MINING
MACHINES AND MECHANISMS (Razrabotka Novoi
Iskrobezopasnoi Skhemy Dstantsionnogo Upravleniya
Shakhtnymi Mashinami i Mekhanizmami). Dec 60
[19]p. 7 refs. RTS 1644.
Order from OTS or SLA \$1.60

61-15390

Trans. of Nauchno-Issledovatel'skii Institut po Bezo-
pasnosti Rabot [v] Gornoi [Promyshlennosti]. Trudy
(USSR) 1959, v. 9, no. 2, p. 127-141.

DESCRIPTORS: *Mining engineering, Machines,
Control systems, *Remote control systems, Design,
Automation.

The principles that make for circuit simplicity, high
intrinsic safety and good protective properties are:
(Engineering, TT, v. 7, no. 10) (over)

- I. Kolodochka, P. A.
- II. RTS-1644
- III. Department of Scientific
and Industrial Research
(Gt. Brit.)

208202

Office of Technical Services

Fundamental Safety Conditions for Underground
Quartz-Filled Six Power Transformers, by
P. A. Kolodochka.

RUSSIAN, per, Byull Msk Nauch Issled Inst,
No 10, 1963, pp 1-5.

NLL Ref. 8513.4 1963 (4,498)
(loan)

Sci - ~~Electrical~~ Engr
Nov 63

242, 264

The Development of a New Intrinsically Safe Remote
Control Circuit for Mining Machines and Mechanisms,
by P. A. Kolodochka.

RUSSIAN, per, Trudy Makeyevka Nauk Issledovaniye
Institute: Voprosy Gornoi Elektromekhaniki,
Vol IX, No 2, 1959, pp 127-141.

DSIR LLU RTS 1644

Sci - f

169,841

Oct 61

Generalizations of the Experimental Data for the
Circulation of Water in Boilers, by G. E.
Kolodovskiy, 35 pp.

RUSSIAN, per, Teploenergetika, No 1, 1959,
pp 3-29. 9079921

AEC Tr-4659

Sci
Aug 61

164, 8 88

Hearth Method of Coal Gasification for Power
Production Purposes, by K. I. Kolodtsev,
I. F. Orol'chenko, 21 p.

¹²
RUSSIAN, per, Vsesoyuznyy Teplokhimicheskiy Inst.
1952, No 8, pp 12-18.

SLA 59-18342

Sci
Feb 60
Vol 2, No 10

108,867

Research on a Highly Rated Gas Producer for Gas
Turbine Plants, by Kh. I. Kolodtsev, I. P.
Orel'chenko. UNCL

RUSSIAN, per Teploenergetika, Vol III, No 11,
1956, pp 37-42. *57-22476*

DSIR LIU (loan) M.408

Sci - Fuels; Engr
Aug 59

94,851

Gasification of Pulverized Coal at High
Intensity in a Bed of Lump Fuel Under
Pressure, by Kh. I. Kolodtsev, V. I. Babii.
UNCL

RUSSIAN, per, Teploenergetika, Vol V, No 5,
1956, pp 25-31. *57-23,474*

DSIR LRU (loan) M.406

Sci - Fuels
Aug 59

94, 845

Intensive Gasification of Solid Fuel for Gas
Turbine Plants, by Kh. I. Kolodtsev, V. I.
Babii. UNCL

RUSSIAN, per, Teploenergetika, Vol III, No 9,
1956, pp 18-24. 59-2 2478

DSIR LLU (loan) M.405

Sci - Fuels
Aug 59

94, 844

✓
Dynamics of Gas Formation in a Layer of Carbon,
by Kh. I. Kolodtsev, 24 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XIX, No 9,
1945.

CIA/FDD X 2085

Sci - Physics
- Chemistry
Jun 56 GTS/alex

35,646

THE GREAT PROSPECTS OF THE GAS-TURBINE
LOCOMOTIVE, BY N. KOLCHAKOV, AND YE.
BUTCH, 5 PP.

RUSSIAN, PER, GUDON, 9 AUG 1962, P 3.

JPRS 15310

USSR
ECON
NOV 62

215,034

OUTLOOK FOR THE DEVELOPMENT OF GAS TURBINE
TRACTION, BY YE. T. BARTON, N. V. MELIKHANTSEV,
12 PP.

RUSSIAN, PER, ZHELEZNOGORODNY TRANSPORT, NO 2,
1963, PP 23-33.

JUN 1964

USSR
ECON
JUN 63

23-73

Synthesis of Some Quinoxalyl- and Diquinoxalyl-
diamines, by Z. Kolodynska, S. Biniecki,
9 pp.

POLISH, per, Acta Polonicae Pharmaceutica,
Vol XX, No 4, 1963.

OTS ~~62-117563~~-11412/4
PL-480

Sci
Jul 64

264 049
~~263,049~~

Analysis of Field Data on the Under-ground
Storage of Natural Gas, by Yu. Kachorovskiy,
V. Kolodzey, 9 p.

RUSSIAN, par, Gazovaya Prom, 1959, Vol IV,
No 1, pp 51-56.

ATS-59L31R

Sci
p. 60
Vol 2, No 12

107,962

(33-2340)

Analysis of the Technical Results of
Underground Storage of Natural Gas in Rostok
Deposits, by J. Kaczorowski, W. Kolodziej, 12 pp.
UNCL

RUNOVAN, por, Gas Prom, Vol IV, No 1, Moscow,
1959, pp 51-56.

JPRS 1391-N

Libr - Poland
Esca - Fuels, power
Apr 59

85, 337

Electricity From Plasma, by Adam Kolodziejczyk,
2 pp.

P OLISH, np, Zolnierz Polski, 31 May 1964, p 13.

ACST I-5384
ID 2204033164

Sci
Dec 64

Variable Content of Volatile Oil and Tannins
During the Vegetational Season of ~~XXXX~~ Salvia
Officinalis L., by J. Kolodziejski, S. Gill, et al,
9 pp.

POLISH, per, Acta Poloniae Pharmaceutica, Vol XX,
No 3, 1963.

OTS 63-11412/3
.PL-480

Sci
June 1964

261,564

VTI GAZ GENERATOR FOR USE IN GAS TURBINE
PLANTS, BY EN. I. WOLGOTSEV.

RUSSIAN, PER, TEPLOENERGETIKA, VOL VIII, NO 4,
1961, PP 45-46.

DEPT OF INTERIOR
TR7 537 NO 532

SCI - ENGR

SEP 68

209,600

THE GREAT PROSPECTS OF THE GAS-TURBINE
LOCOMOTIVE, BY N. KOLODYAZHNYI AND YE.
BARTOSH, 5 PP.

RUSSIAN, ~~FOR~~, GUDOK, 9 AUG 1962, P 3.

JPRS 15810

USSR
ECON
NOV 62

215,094

SETTE

(NY-2717).

The Prospects and Main Trends in the Development
of Natural Gas Industry in Poland, by ~~Wladyslaw~~
Wladyslaw Kolodziej, Zbigniew Guchowicz, Janusz
Girzejowski, 13 pp.

POLISH, per, Gaz, Woda i Technika Sanitarna,
Vol XXXIII, No 5, 1979, pp 173-176.

JPRS-1851-N

94,648

EEur - Poland

Econ - Fuel, power, natural gas

Aug 59

AUTOMATION OF LATHES AT THE "URBUS" MACHINERY
PLANT, BY STEFAN KOLOBZIELCZYK, 7 PP.

POLISH, PER, PRZEGLED MECHANICZNY, VOL XVI,
NO 21, 10 NOV 1962, PP 668-671.

JPRS 16169

SCI - ENGR

MAR 63

225,194

(SF-1549)

Microcalories and Experiments Measuring the
Chemiluminescence of Ethyl Lucigenin, by Karol
Kolo/ziejczak, 5 pp. OFFICIAL USE ONLY

POLISH, per, Wiadomosci Chemiczne, Vol XIV, No 11 (16)
1960, pp 731-733.

JPRS 4524
COPYRIGHT

150,524

Sci - Chem

May 61

Hormone Therapy of Patients With Well-Advanced
Forms of Breast Cancer, by H. Kolodziejska,
4 pp.

RUSSIAN, per, Voprosy Onkol, Vol V, No 11, 1959,
pp 552-555.

PP

Sci

Sep 60

126, 207

Basic Development Trends of Gdansk Region in 1961-
1980, by Jerzy Kolodziejewski, 10 pp.

POLISH, per, Miasto, No 7, Warsaw, Jul 1962,
pp 9-13.

JPRS 15673

215,432

EE - Poland
Econ

Oct 62

Synthetic Intermediates of the Aromatic Series. II
Hexadecane-2,15-dione Synthesis, by V. M. Rodionov,
I. E. Kologivova, E. A. Ogorodnikov, V. N. Belov,
2 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIII, No 11,
1953, pp 1828,1829. CIA D 151246

Consultants Bureau

Scientific - Chemistry

Apr 55 CTS

22,616

The Condensation of 1-Heptyne with Chloral,
by N. E. Kologrivova, V. N. Belov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 11, 1958, pp 3105-3107.

Consultants Bureau

Sci

Dec 59

103,171

New Nutrient Media for Determining the Activity of
Antibiotics, by V. S. Dmitriyeva, V. P. Kologrivova,
4 pp.

RUSSIAN, per, Med Prom SSSR, No 4, 1958, pp 41-43.

ATS 93K24R

Sci - Medicine
Oct 59
Vol II, No 4

103,225

Oxidation of α, β -Unsaturated Methyl Ketones
With Sodium Hypobromite, by N. E. Kologrivova,
V. N. Belov, 5 pp.

RUSSIAN, per, Zhur. Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1269-1273.

Consultants Bureau

Sci - Chem

Jul 59

93,293

New Nutrient Media for Determining the Activity
of Antibiotics, by V. S. Dmitriyeva, V. P.
Kologrivova, 4 pp.

RUSSIAN, per, Med Prom SSSR, No 4, 1958, pp 41-42.

ATS-93K24R

Sci - Med
Dec 59
Vol 2, No 4

102,839

Rate of Reduction of Silica by Carbon, Carborundum,
Ferrosilicon and Crystalline Silicon - P. V.
Gel'd, A. G. Kologreva, N. N. Serebrennikov.

Full translation.

RUSSIAN, per, Zhur Prikl Khim, No 21, 1948,
pp 1261-1271.

AEC Tz 1208

Scientific - Chemistry

A-3021

Lactones and Lactams. Communication 23. Addition
of Benzenethiol to N-Alkenyl Lactams, by F. P.
Sidel'kovskaya and F. L. Kolokin, p 7

RUSSIAN, per, Iz Ak Nauk USSR, Otdel Khim Nauk,
No 9, 1962, pp 1631 - 1637

CB

Sci

340, 3/6

Jul 63

74
The Study of the Spectrum of a Detonation Wave
with the SP-75 Spectrograph, by V. N.
Kologrivov and A. A. Enshurov, 10 pp.
RUSSIAN, per, AN SSSR. Kondsiya Po Razhnoy
Fotografii i Kineematografii. Uspekhi Nauchnoy
Fotografii, Vol 9, 1964, pp 236-242
P100134353-V
FTD-HT-67-210

Sci-Methods & Equip
July 68

350,673

V. N. Kologrivov

Singing and Drawing in the Eight-Year School,
by M. A. Ruzer, V. V. Kolokolnikov, 4 pp.

RUSSIAN, per, Soviet Pedagog, No 6, 1959, pp 38-45.

Internat'l Arts and
Sci Press
Vol I, n No 10

USSR

Soc

Sep 59

96,523

Our Arctic, by B. Kalokolov, 7 pp. Unclassified

RUSSIAN, mp, Izvestiya, 1, 5, 7, 11, Dec 58.

AV 1187036

Sci - Geofis

USSR

Geographic

Nov 58

76,258

(SF-2285)

INDUSTRY IN POLAND (BRIDGE ACROSS THE WISLA),
BY B. KOLOKOLOV, 4 PP.

RUSSIAN, NP, IZVESTIYA, NO 114, 16 MAY 1962, P 5.

JPRS 14959

EEUR - POLAND
ECON .
AUG 62

209,196

S-432/62

Bridge Across the Trees, by B. Kolokolov,
(SR-2285)

RUSSIAN, np, Izvestiya, 16 May 1962, 5 pp.

*JPRS

USSR

Pol...

Sci Biol

16 Jul 62

S-540/60

(DC-4209)

Rocket Departs for the Zenith, by B. Kolokolov,
8 pp.

RUSSIAN, np, Nedelya, No 9, 24-30 Apr 1960,
pp 8, 9.

JPRS 3860

Sci - Geophys

Sep 60

125,572

The Use of a Field-Intensity Instrument for Measuring
the Electric Current of Precipitates, by V. P. Kolo-
kolov, D. Ye. Ogorodnov, 10 pp. UNCLASSIFIED

RUSSIAN, irreg per, Trudy Glavnoy Geofizicheskoy
Observatorii imeni A. I. Voyeykova, No 58 (120).
Leningrad, 1956, pp 17-22.

US JPRS/DC-L-386

Sci - Geophysics
Jun 58

64,667

Thunderstorm Activity and the Radar Character-
istics of a Cloud, by V. P. Kolokolov, 3 pp.

RUSSIAN, Trudy Glavnaya Geofiz Observatoriya,
No 67. (129), 19⁸⁷, pp 129-130.

5

ATS-29M38R

Sci
Sep 61

169, 118

Investigating the Distribution of Induced and Free
Electrical Charges on Aircraft Surfaces, by I. M.
Imyanitov, V. P. Kolokolov, 19 pp.

RUSSIAN, per, Trudy Glavnoy Geofiz Observ, 1956,
pp 8-16. CIA 657754

ATIC F-TS 9891/V

Sci - Geophys

Oct 60

128,341

A STUDY OF POST INFECTION IMMUNITY IN TICK-
BORNE ENCEPHALITIS IN CONDITIONS OF ALIMENTARY
INFECTION, BY V. V. POGODINA, T. K. KOLOKOLOVA,
PP 7.

RUSSIAN, PER, VOPROSY VIRUSOLOG, VOL VI,
NO 1, 1961.

PP

SCI

FEB 62

183,060

Calculating Ra Turbines With Variable Gas
Parameters on the Radius, by ~~Мухомов~~
N. A. Kolokol'tsev, 13 pp.

RUSSIAN, per, Tsentral Aero-Gidrodinamiches
Inst imeni Zukovskogo, Prom Aerodinamika
Osovyys Dozvukovyye Kompresory Statsionarnog
Tipa, No 20, Moscow, 1961, pp 74-81.
9666192

FTD-TT-62-1750

227,674

Sci-Engt
Apr 63

Utilization of Gamma Radiation in the Study of the
Bubbling Process, by G. G. Bartolomei, Ya. G.
Vinokur, V. A. Kolokol'tsev, V. I. Petukhov,

RUSSIAN, ^{bk} Trudy Vses Nauch Tekh Konf
Primenen Radioaktiv i Stabil Izotopov i
Izlucheni v Narod Khoz i Nauke, 1957, Vol IV,
1958, pp 8-11.

AEC Tr-4206

Sci - Engr
24 Feb 61

141,050

Concerning the Problem of Serological Diagnosis of
Brucellosis in Cows, by G. A. Kolomakin,
K. V. Ivanova, et al.

RUSSIAN, per, Veterinariya, Vol. XXXIX, No 12,
1962, pp 61, 62. 9212622

USDA Tr V-1854

Sci - Biol & Med Sci
Oct 63

246, 055

Preservation of Citrated Blood of Convalescents of
Foot and Mouth Disease, by G. A. Kolozakin, 2 pp.

RUSSIAN, no par, Veterinariya, Vol XXX, No 6,
Jun 1953, p 36.

USDA Tr 315²

USSR

Scientific - Biology

Jan 54 CTS

9145

Crucifix of the American Atomic Submarine "Seadragon"
in the Arctic Ocean. by O. V. Kol'man.

RUSSIAN, Nov., Obshchestvennoye, Vol II, No 6, 1962,
pp 1115-1117.

Dept of Interior
AC5 E57 No 48

HA - US
Econ
Jul 63

238,222

Laboratory Method of Determination of the Stability
of Aviation Oils, by D. Ya. Kolomatskiy,
L. I. Stepanitsov. 5 pp.

RUSSIAN, per, Neftyanoe Khozayaistvo, Vol 17, No 10
1936, pp 70-71.

OTS TT 61-18021

D. Ya. Kolomatskiy

Sci/Propulsions & Fuels
Jun 67

327,700

Kolomatskii, D. Ya. and Deryabin, A. A.
CFR SUPERCHARGE TESTS (BY THE METHOD 3C)
OF COMMERCIAL AVIATION GASOLINES 4B-78
PRODUCED BY DIFFERENT METHODS. [1961] 8p.
2 refs.

Order from OTS or SLA \$1.10 61-20162

Trans. of Neftyanoe Khozyaistvo (USSR) 1946 [v. 24]
no. 5, p. 44-51.

DESCRIPTORS: *Aviation fuels, Fuels, Gasoline,
Antiknock, Test methods, Tests, Production,
Classification, Superchargers.

A comparison of four aviation gasolines, three of
which are being produced on a commercial scale,
compounded from straight run gasoline and isopara-
fins or aromatics, with a reference fuel containing
60% straight run gasoline and 40% isooctane was
(Materials--Fuels, TT. v. 6, no. 12) (over)

61-20162

I. Kolomatskii, D. Ya.
II. Deryabin, A. A.

Office of Technical Services

(NY-5168)

Development of Ferrous Metallurgy, by Jaronir
Kolomanzik, 6 pp.

CZECH, per; Hospodarske Noviny, Vol. IV, No 38,
16 Sep 1960, p 3.

SPRS 7140

EEur - Czechoslovakia
Eccu
Dec 60

135,732

(*Ref. 5167*).
Development of Ferrous Metallurgy, by Jaromir
Kolomaznik,

CZECH, np, Hospodarske Noviny, Vol IV, No 38,
16 Sep 1960, p 3.

*JPRS

EEur - Czechoslovakia

Econ - Manufacturing

17 Oct 60

Dependence on Temperature of Electric Resistivity
of Semiconductive Thermistor Materials, by
Karel Kolaczek, 11 pp.

CZECH, par, Slaboproudy Obzor, Vol XX, No 3,
1959, pp 180-184.

USANJA II-5531b,

Sol - Electronics

Nov 60

133, 874

Thermoelectric Properties of the Intermetallic
Compound MnAl_3 , by H. V. Kolomoets, E. A. Popova,
4 pp.

RUSSIAN, par, Fizika Tverdogo Tela, Vol II,
No 8, 1960, pp 1951-1955.

AIP
Sov Phys-Solid State
Vol II, No 8

Sci
Mar 61

141, 853

Higher Nervous Activity of Adult Rats Subjected to a
Single Prenatal Action of a Small Dose of Ionizing
Radiation, by I. A. Pionkovskiy, I. A. Kolometseva,
7 pp.
RUSSIAN, per, Radiobiol, Vol III, No 2, 1963, pp 220-223.
9219348

AEC-Tr-5435

Sci
Mar 64

252,669

Higher Nervous Function in Adult Animals Exposed to Ionizing Radiation Before Birth. Rpt II. Irradiation of 18-Day Rat Embryos, by I. A. Piontskovskiy, I. A. Kolomeitseva, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVIII, No 12, 1959, pp 25-30.

CB

Sci -
Jul 60

120,973

Higher Nervous Activity of Adult Rats Subjected to a
Single Fractional Action of a Small Dose of Ionizing
Radiation, by I. A. Pionchikova, I. A. Kabanitskaya,
7 pp.
RUSSIAN, per. Radiobiol, Vol III, No 1, 1963, pp 220-225.
924948

ANC-Tr-5688

Sci
Mar 64

332,449

On Electrodynamics of a Gyrotropic Medium, ⁹⁰
by A. A. Kolomenskiy.

RUSSIAN, per, Zh Eksperimental'noy i
Teoreticheskoy Fiziki, Vol 24, No 2,
1953, pp 167-176.

NAS/GSFC/ST-EDN-10782-68

A A Kolomenskiy

Sci-Must Sci
May 69

383,145

96
Autoresonant Acceleration of Particles by
a Plane Electromagnetic Wave, by A. A.

Kolomenskii, A. N. Lebedev.

RUSSIAN, for, Izv. Akad. Nauk SSSR, Ser. Fiz. Nauk, no. 10, 1964, pp. 1022-1035, 1964

AIC NP-1268

9229647

SLA-TT-65-13606

A. A. Kolomenskii

Sci-Elec

Nov 65

291,935

Energy Loss of a Charge Particle Moving in an
Anisotropic Medium, by A. Kolomenskiy, 6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1952, Vol LXXXVI,
No 6, pp 1097-1099.

SLA 59-20485

Sci
Apr 60
Vol III, No 2

113,608

Determination of Tolerances on the Magnetic Field
Parameters for Accelerators With the Help of
Characteristic Functions, by A. A. Kolomenskiy,
A. P. Fateyev, 5 pp.

RUSSIAN, per, Prib i Tekh Eksper, No 5, 1959,
pp 22-25.

Instru Soc of Amer

Sci
Aug 60

122,259

Steering-Focussing System for Particle Injection
in a Proton Synchrotron, A. A. Kolomoanskiy,
A. B. Kuznetsov and N. B. Rubin, App.

RUSSIAN, Zhur Tekh Fiz., Vol XXIX, No 8, 1959,
pp 981-991.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 8

Sci

Feb 60

108963

Doppler Effect in an Electron Plasma in a
Magnetic Field, (K. A. Baranukov and A. A.
Kolotenskiy. 3 pp. 1 by

RUSSIAN, Zhur Tekh Fiz, Vol XXIX, No 8, 1959,
pp 954-957.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 8

Sci

Feb 60

108,958

Cyclic Motion of Charged Particles in an
Electric Field, by A. A. Kolomenskiy, Pong
Soy-Gen, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXXVI, No 1 (9), pp 271-276.

18 Amer Inst of Phys

Sov Phys - JETP

~~Volume 36 (1968) No 1~~

Aug 59

99,011

Some Properties of Orbits in Accelerators in
Conditions of Similarity, by A. A. Kolomenskiy,
A. N. Lebedev, 2 pp.

RUSSIAN, per, Atom Energ, Vol III, No 1, 1961.

PP

Sci - Nuclear Phys

Mar 61

142,483

Beam Stability in Stacked Orbits, by A. A. Kolomenskiy,
A. N. Lebedev, 1 p.

RUSSIAN, per, Atom Energ, Vol III, No 1, 1961.

PP

Sci - *the. Atom Phys*

Mar 61

142,481

Accelerators With Similar Orbits, by A. A.
Kolomenskiy, 8 pp.

RUSSIAN, per, Atomnaya Energiya, Vol. XII, No 12,
1957, pp 492-497.

Consultants Bureau

Sci - Physics

Oct 58

74, 476

The 10 Bev Proton-Synchrotron of the Academy of Sciences, USSR, by V. I. Veksler, D. V. Yefremov, A. L. Mints, M. M. Veisberg, F. A. Bodopyanov, J. A. Gashev, A. I. Zeidits, P. P. Ivanov, A. A. Kolomensky, E. G. Komar, A. F. Malyshev, N. A. Monozon, I. Kh. Nevyazhsky, V. A. Petukhov, M. S. Rabinovich, S. M. Rubchinsky, K. D. Sinelnikov, A. M. Stolov, ~~22-30~~ 10 pp.

RUSSIAN, bino per, Atomnaya Energiya, Vol I, No 4, 1956, pp ~~45-46~~ 22-30 45, 18.6

Consultants Bureau
Assoc Tech Sv 84H12R

Sci - Nuclear Physics

Mar 57 CTS

The Ring Phasotron, by A. A. Kolomenskiy, et al.

RUSSIAN, per, Priory i Tekhnika Eksperimenta, No 2,
1956, pp 26-28.

Assoc Tech Sv *TR*
\$2.45

Sci - Physics
Aug 57

51,545

RJ-789

The Effect of Radiation on the Motion of a Relativistic
Electron in a Magnetic Field, by A. A. Kolomenskiy,
A. N. Lebedev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 807-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci = Phys

51,623

Aug 57

Elimination of Critical Energy in Strong-Focusing
Synchrotrons, by A. A. Kolomenskiy, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 4, Apr
1956, pp 740-748.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 4

Sci - Physics
Aug 57

51,706

A Stochastic Method of Accelerating Particles,
by Ye. L. Burshteyn, V. I. Veksler, A. A.
Kolomenskiy, 6 p.

RUSSIAN, mono, Some Problems in the Theory of
Cyclical Accelerators, 1955, pp 3-6.

SLA 59-17539

Sci
Mar 60
Vol 2, No 11

109,658

The Effect of Quantum Fluctuations of Radiation on
Electron Motion in Periodic Magnetic Systems, by
A. A. Kolomenskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 3, pp 398-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

51, 654

Aug 57

Theory of Motion in the Microtron, an Accelerator
with Multiple Periodicity, by A. A. Kolomenskiy,
7 pp

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 11,
1960, pp 1347-1354

AIP
Sov Phys - Tech Phys
Vol V, No 11

Sci
May 61

125, 347

Lenin Prize Winners, The World's Largest Accelerator --
The Synchrophasotron, by A. A. Kolomenskiy, M. S.
Rabinovich, 9 pp.

RUSSIAN, per, Priroda, No 8, 1959, pp 57-61.

FDD/X-4002

Sci
Jan 60

Motion of a Charged Particle in an Optically
Active Anisotropic Medium. I. by A. G. Sitenko,
A. A. Kolomenskiy, 7 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XX,
No 3, 1956, pp 511-517.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 3

Sci - Physics
Apr 57 CTS

51-146, 602

On the Theory of Betatron Oscillations of
Particles in Magnetic Systems, by A. A.
Kolomenskiy, 11 pp. /1

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1969-1977.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

Sci - Phys

54,395

Oct 57

On the Theory of Betatron Oscillations of Particles
in Magnetic Systems. II, by A. A. Kolomenskiy,
15 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1978-1990.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54, 396

Sci - Phys

Oct 57

(FDD 27174)

A New Accelerator for Charged Particles -- The Ring
Phasotron, by A. A. Kolomenskiy, V. Z. Petukhov,
M. S. Rabinovich, 6 pp.

RUSSIAN, monograph, Nekotorye Voprosy Teoriy Tsikli-
cheskikh Uskoriteley, Moscow, 1955, pp 7-12.

CIA/FDD/U-7874

Sci - Physics, atomic energy 32, 586

(FDD 27209)

Accelerators of Charged Particles, by A. A. Kolomen-
skiy, N. B. Rubin, 27 pp.

RUSSIAN, no per, Priroda, No 11, Moscow Nov 1955,
pp 3-12.

CIA/FDD U-8113

USSR
Sci - Physics
Age 56

34, 810

RT-4266

The Passage Through the Critical Energy Point in an
Accelerator With Intense Focusing, by A. A.
Kolomenskiy, L. L. Sbsovich, 9 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 3, Mar
1956, pp 576-584.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 3

Sci - Phys
Aug 57

51, 775

Physical Factors in the Design of the 10-Bev
Proton-Synchrotron, by V. I. Veksler, A. A.
Kolomenskiy, V. A. Petukhov, M. S. Rabinovich,
7 pp.

RUSSIAN, par, Atomnaya Energiya, Supple No 4,
1957, pp 5-14. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77,079

Certain Features of High-Energy Cyclic Electron
Accelerators, by A. A. Kolomenskiy, A. N. Lebedev,
6 pp.

RUSSIAN, per, Atomnaya Energiya, Supple No 4, 1957,
pp 31-48. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77,074